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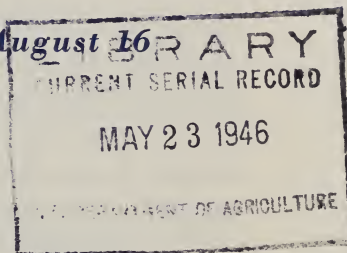
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Summer Program-1946

Ten Weeks, June 10 to August 16



**Graduate and Undergraduate
Study for
Federal Employees**

GRADUATE SCHOOL
UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON, MAY 1946

Fall Semester

1946-47



26th Year

Fall Semester Begins Week of September 23

Catalogs Available After August 20

September 9 to 21—Registration.

September 23, Monday—Fall Semester begins.

September 23 to 27—All classes begin unless another date is given in Time Schedule Bulletin.

October 4—Last day of registration for credit.

October 4, Friday—End of refund period and last day of registration, or registration transfer without payment of extra fee.

November 1—Last day to make deferred payments.

November 21, Thursday—Thanksgiving holiday; no classes.

December 21, Saturday—Christmas holidays begin; no classes.

January 6, Monday—Classes resume after holidays.

January 17, Friday—Close of Fall Semester.

Graduate School, Department of Agriculture
Washington 25, D. C.

Please send me your 1946-47 BULLETIN.

Name.....

Street.....

City..... Zone No.....

Summer Program 1946

Ten Weeks, June 10 to August 16

The Graduate School offers continuation-study opportunities to Federal employees, at both graduate and undergraduate levels. It offers only a small number of summer courses, chiefly selected on the basis of student interest shown during the fall and spring semesters. Unless otherwise specified, all courses are limited to ten weeks in length and carry regular academic credit. The number of credits is indicated in parentheses after the course title.

REGISTRATION

Time and Place

Registration may be completed at any time before the courses begin. It is strongly recommended that students register at once, to avoid the inconvenience of delays near the close of the registration period. Registration must be completed at the Graduate School Office, Room 1031, South Building, Department of Agriculture, 14th and Independence Avenue, S.W.

Fees

Beginning with the 1946 Summer Program, the tuition is \$8.00 a credit hour for undergraduate courses and \$9.00 a credit hour for graduate courses. The fees are listed after the title of each course.

Late Registration Fee

Students who register after June 14 must pay a late registration fee of \$1.00.

Other Policies

All general regulations of the Graduate School apply to the summer session. These regulations are fully explained in the 1945-46 Bulletin, copies of which may be obtained on request. Except as provided in the refund policy, withdrawals with refunds may not be made after June 21.

OFFICE HOURS

Monday through Friday—9 A.M. to 6:20 P.M.

BOOKROOM HOURS

Textbooks may be purchased in Room 1041,
South Building, Department of Agriculture
June 10 to June 21—4:30 to 6:20 P.M.

Graduate and Undergraduate Study

A Career in the Federal Service

The Graduate School provides forward-looking Federal workers with the opportunity to continue their educational programs. All veterans, permanent and war-service employees, recognize the need for refresher study or preparation for new assignments.

Educational Counseling

Information about courses of study and assistance in developing educational plans may be obtained from the School's staff and Departmental Educational Counselors. These Counselors represent major fields of study and work.

Veterans

Graduate School courses are available to veterans of World War II under the Provisions of Public Law 346 and 16. Registration for part-time study is charged against educational benefits only in the proportion that the number of semester hours bears to a full normal load.

Veterans intending to enroll in the Graduate School should apply as soon as possible to the Regional Office of the Veterans Administration for an official certificate showing the amount of educational benefits to which they are entitled. This letter of entitlement will be accepted by the Graduate School in lieu of tuition fees and charges for books and supplies.

In cases where an official certificate has not been received prior to the time of registration, the veteran will be required by the Graduate School to pay at least one half of his tuition plus whatever fees may be applicable, with the understanding that this will be refunded retroactive to the effective date on the letter of entitlement.

Library Facilities

The Department of Agriculture Library, containing over half a million books, is open to Graduate School students, 8:30 A.M. to 8:30 P.M., Monday through Friday, and 9 A.M. to 1 P.M. on Saturday. A special collection of books, designated as required reading by the instructors, is available for circulation to Graduate School students. Other libraries in the District—the Library of Congress, and Public Library and Libraries of government agencies offer excellent opportunities for student research.

ADMINISTRATION AND ADMINISTRATIVE PROCEDURE

344. Introduction to Public Administration (3)*

M-W 6-8:15 beginning June 10. \$24

JOHN C. RUSSELL

This course is designed to introduce the student to the elements of public administration. Attention will be devoted to the evolution of administrative organization; organizational types: staff, line, and auxiliary agencies and functions; controls of administration; the broadest aspects of personnel selection, classification, training, movement, and relations; budgeting and fiscal control; federal-state relations; administrative legislation and adjudication. The object of the course is to lay a broad foundation for more intensive courses in management.

661. Personnel Administration (2)

Tu 6-9 beginning June 11. \$18

VIRGIL L. COUCH

Deals with personnel problems which arise when people are associated together in a work situation. It is designed to acquaint the student with the basic personnel policies and practices which have been found necessary and useful in coping with these problems. Trends in public personnel administration and its relationship to over-all management are discussed. The course will be helpful to supervisors and administrators who desire a broad understanding of personnel administration and also to students who need foundation for the more specialized courses in the personnel field.

659. Position Classification (2)

W 6-9 beginning June 12. \$18

WILLIAM C. LAXTON

An introductory course designed to give the student an understanding of the fundamental concepts of position classification and its uses; the relation of classification to compensation and other phases of personnel administration; the historical background of position classification in the Federal service; an analysis of the Classification Act of 1923 and its amendments and its relation to other personnel processes; position analysis and factors to be considered in the allocation of positions.

Prerequisite: 60 semester hours of college work or consent of the instructor.

648. Psychological Techniques of Interviewing and Counseling (2)

Th 6-9 beginning June 13. \$18

CHARLES F. CANNELL

This course will stress the clinical approach to counseling. The application of counseling techniques to problems of personal, vocational, and job adjustment will be studied. Emphasis will be on the theory and techniques of interviewing and counseling. The course will take up the psychology of adjustment as a basis for understanding and diagnosing cases. The second half of the course will be a discussion of cases. Each student will be expected to report on a counseling case. The text will be *Counseling and Psychotherapy* by Carl R. Rogers.

Prerequisites: Counseling experience, College Degree in Social Sciences or consent of the instructor.

352. Principles of Accounting—First half (3)

Tu-Th 6-7:30 (lecture) beginning June 11. \$24

WILLIAM L. DYE

Tu-Th 7:30-9 (laboratory) beginning June 18.

Elementary principles of accounting; discussion and problems. At the end of the semester students will be prepared to devise the accounting methods necessary for a small business organization, make the necessary entries in the records, draw up statements at the end of the fiscal year, adjust the accounts for accruals, deferred items, depreciation, etc., and close the books.

408. Administrative Procedure (2)

W 6-9 beginning June 12. \$16

THOMAS HICKEY

Intended for persons who wish to become Head Clerks or Administrative Assistants and who wish to organize their knowledge and experience in this field with that in view. Deals with practical aspects of the day-to-day operations of the chief clerk and administrative assistant. Emphasis is placed upon matters for which these persons ordinarily are responsible, such as preparation of budget data, procedural planning, personnel actions, orientation and assignment of new employees, and supervision. The relationships of these functions to specialized services offered by the central personnel, budget, and general service units are also discussed.

* Numbers in parentheses refer to credit hours.

410. Federal Auditing Procedure (2)

M 6-9 beginning June 10. \$16

CAREY G. CRUIKSHANK

This short, intensive course is designed particularly to train audit clerks drawn from among employees now working in the lower grades as clerks, typists, machine operators, etc., and to assist audit clerks in their present and prospective positions. It embraces explanations of, discussions on, and practice work with the most important types of government vouchers and covers certain related procedures and documents. The manual used outlines in detail the various procedures.

The course covers general basic principles and definitions of terms; use of standard forms involved; General Accounting Office exceptions, and preparation of replies thereto; administrative suspensions and disallowances; application of statutes, regulations and the Comptroller General's decisions to auditing; special correspondence required in connection with such work; claims and adjustments; purchase order procedures; tax exemption; letters of authorization and travel authority; per diem allowances and computations; methods of travel; and the actual audit of Standard Form 1012 "Reimbursement" vouchers and Standard Form 1034 "Purchase" vouchers.

412. Federal Accounting Procedure (2)

Tu 6-9 beginning June 11. \$16

JOHN L. TIERNEY

Designed particularly to train accounting clerks through instruction of employees now working in lower grades and to assist accounting clerks in present and prospective positions. It embraces explanation of, discussion on, and practice work with the basic ledgers (allotment ledger, objective classification ledger, and general ledger) maintained in connection with funds made available to Federal agencies. Appropriation, apportionment, allotment, disbursement, collection, and reporting processes will be discussed and the relationship between administrative accounts and the accounts kept by the Treasury Department and the General Accounting Office explained.

414. Federal Personnel Procedure (2)

M 6-9 beginning June 10. \$16

VERNA C. MOHAGEN

Deals with basic practices and procedures designed to accomplish appointment, transfer, promotion, demotion, separation, and retirement of Federal employees. The course has three objectives: (1) to keep abreast of current developments in personnel procedures; (2) to become familiar with the legal and administrative background of such procedures (statutes, executive orders, decisions of the Comptroller General, the Civil Service Commission, Administrative Orders, etc.); and (3) to visualize the constant need for streamlining procedures in the interests of simplicity and efficiency.

416. Federal Budgetary Procedure (2)

Th 6-9 beginning June 13. \$16

KEITH L. HANNA

This course is designed to assist employees either in budget work or preparatory to taking budget work, up to and including Grade CAF-9. It deals with budgetary procedures, including the preparation of estimates, justifications, tabular statements, graphs, etc., and, in connection with budget execution, outlines methods in making allotments, operating budgets, analysis of reports, preparation of apportionment and obligation reports, and other methods used in the formulation and execution of the Federal budget.

ARTS

185. Pencil Sketching and Freehand Drawing (2)

M-W 6-8 beginning June 10; two additional hours of individual project work. \$20

ROWLAND LYON

Emphasizes the study of shade, shadows, and perspective. An intensive study of theory, harmony of lines, and outdoor sketching. Water color and oils may be used depending on the individual student. The projects assigned for the two additional hours will be applicable to the theories of art. Each student will receive individual criticism. Open to both beginners and advanced students.

195. Drawing for Portraiture and Illustration (2)

M-W 6-8 beginning June 10; two additional hours of individual project work. \$20

PIETRO LAZZARI

Introduction to painting; oil; pastel; water-color; tempera. Individual projects.

192. Basic Photography (2)

Tu 6-9 beginning June 11. \$16

C. A. BRIGGS

This is a lecture-demonstration course, elementary and basic in character, designed to meet the needs of the amateur. Nearly all lectures are fully illustrated with slides, supplemented by other illustrative material. Demonstrations are given when feasible. No laboratory work, but individual guidance will be freely given students who can and will arrange to do practice work. Results of practice work may be submitted for criticism.

Topics covered: elementary photographic optics, films, and plates, the use of cameras and lenses, exposure, composition, darkroom conveniences and technique, developers and development, the technique of negative making, the theory and practice of making contact and projection prints, outdoor and indoor photography, child photography, filters and their use, lighting and posing in portraiture, home portraiture, Kodachrome photography.

A list of the textbooks used in this course may be obtained from the Graduate School Office.

193. Applied Photography (2)

M 6-9 beginning June 10. \$16 plus \$2 materials fee

ELBRIDGE C. PURDY

This is a laboratory course which enables the students who have taken Basic Photography or equivalent to *apply* theory and principles in the studio and laboratory. Individual guidance will be given students. The results of the work will be analyzed. Topics covered: films and plates, use of cameras and lenses, exposure, composition, darkroom techniques, developers and development, theory and practice of making contact and projection prints, outdoor and indoor photography, filters and their use, lighting and posing in portraiture, and color photography.

Prerequisite: Basic Photography or equivalent.

186. Home Decoration—First half (1)

M-W 6-7 beginning June 10 ending July 29. \$8

HARRIET GARRELS

For amateurs and homemakers; course not intended to prepare students for employment. This is the first of a year's course and includes principles of arrangement; making the most of what we have; color; walls; window treatments; floor coverings.

198. Advanced Home Decoration (1)

M-W 7-8 beginning June 10 ending July 29. \$8

HARRIET GARRELS

A continuation of 186. Includes: lighting; pictures—selection, framing, hanging; flower arrangement; accessories—pottery, mirrors, etc.; oriental rugs; textiles.

BIOLOGICAL SCIENCES

213. Identification of Local Plants (2)

Tu 6-8 beginning June 11; 3 Saturday field trips as arranged. \$16 JOSEPH EWAN

An elementary course, with no prerequisites, dealing with the process of determining the names of the plants, both wild and cultivated, trees, shrubs, herbs and wild flowers, of the vicinity of Washington, D. C. The work will include discussion of the books and keys to the plants, the language they are written in, and how to use them. Most of the work will be with actual plants, largely those brought in by the students or gathered on class field trips. Instruction and demonstration will be given in the methods of pressing, drying, and mounting plant specimens.

ENGLISH AND SPEECH

222^a. Composition and Rhetoric (3)

M-Th 6-8:15 beginning June 10. \$24

FRANCES HOWE MILLER

Equivalent of freshman English. An introductory course in writing and English usage, designed especially for those who need a course preparatory to more advanced English studies. Special attention given to the fundamental principles and mechanics of good writing—grammar, punctuation, spelling, diction, etc. Exercises in writing short and long themes and in studying, analyzing, and evaluating selected English prose texts.

223. Descriptive English Grammar (2)

M 6-9 beginning June 10. \$16

KATHRYN WARD

A course in grammatical principles, stressing sentence structure and correct English form. Students are required to analyze sentences by diagram and to correct examples of bad English.

224. Creative Writing (2)

Th 6-9 beginning June 13. \$16

HELEN SLOMAN PRYOR

Primarily this course aims to develop the student's inclination to practice writing through guidance and example. Emphasis is laid on facility of expression. The course presupposes fundamental knowledge of composition. Stories, sketches, articles, book and magazine reviews, personal letters, and letters to editors are assigned work.

229. Effective Speaking (2)

W 6-9 beginning June 12. \$16

HESTER B. PROVENSEN

Clear, forceful, and convincing expression is the result of directed practice in a variety of speech situations. This course concentrates on preparation and practice in public speaking and the speech arts. Speeches for special occasions, description, exposition, radio speaking, story telling, and training in the art of conversation. Emphasis is on practice; knowledge of speech fundamentals is presupposed.

232. Voice and Remedial Speech (2)

Tu 6-9 beginning June 11. \$16 plus \$1 laboratory fee

WALTER B. EMERY

Study and intensive drills in voice production, flexibility, range, articulation, and enunciation. Training and practice are designed to improve vocal conditions for all speech purposes and to remedy minor speech difficulties. In order that students may receive more individual attention, registration is limited to twenty. Recording equipment will be available.

418. Practical English Usage (2)

F 6-9 beginning June 14. \$16

VERNE L. SAMSON

This course enables students through practice to master the fundamentals of correct English. Troublesome problems of English usage, sentence structure, choice of words, style, and grammar, are studied as aids to clear and forceful writing of letters, memoranda, and reports.

419. Vocabulary Building (2)

Tu 6-9 beginning June 11. \$16

MARIE D. BRYAN

Designed to help writers and speakers express ideas clearly and attractively. It embraces word study and selection, diacritical markings, synonyms and antonyms, prefixes and suffixes, usage exercises, and other means of developing a broad and useful command of words.

51. English for Foreign Students (0)

M 6-9 beginning June 10. \$16

HELEN W. WILLIAMS

A course in college English designed to meet the needs of students with a foreign-language background. Includes study of idiom and anomalous and difficult grammatical constructions; vocabulary; and practice in correct and fluent expression in writing and speaking.

43. Personal Development (0)

Tu 6-9 beginning June 11. \$16

HESTER B. PROVENSEN

Discovery and development of the potentialities of each student. Poise, confidence, appearance, make-up, dress and color sense, art of conversation, cultivation of wider range of interest, and curiosity. Actual social situations created and discussed. Conferences, guest speakers.

FOREIGN LANGUAGES

Unless otherwise specified, all foreign language courses are organized as follows:

Elementary year—foundation work in grammar, vocabulary, reading, and translation, with some conversation.

Intermediate year—grammar review, more difficult reading and translation, use of idioms, writing and discussion in the language.

Conversation—development of facility in discussion and reading, use of idioms, writing and thinking in the language without translating.

Note: Course numbers followed by (a) are first-half of that course, or by (b) are second-half.

45. Everyday French (0)

Tu 6-9 beginning June 11. \$16

OLGA LONGI

Accuracy and facility in the use of oral French will be attempted through the use of dictation, conversation, and other devices. The work will be adapted to those entering the course. The course is designed especially for those who wish to acquire fluency in the spoken language of today.

259^a. Elementary German (3)

M-Th 6-8:15 beginning June 10. \$24

LAWRENCE S. THOMPSON

295^a. Elementary Russian (3)

M-W 6-8:15 beginning June 10. \$24

NATHALIE VON BRETZEL

295^b. Elementary Russian (3)

M-W 6:15-8:30 beginning June 10. \$24

EUGENIA TARAKUS

46. Everyday Russian (0)

W 6-9 beginning June 12. \$16

GEORGE M. SAHAROV

Accuracy and facility in the use of oral Russian will be attempted through the use of dictation, conversation, and other devices. The work will be adapted to those entering the course. The course is designed especially for those who wish to acquire fluency in the spoken language of today.

300^a. Elementary Spanish (3)

M-W 6-8:15 beginning June 10. \$24

MARCUS G. BROWN

300^b. Elementary Spanish (3)

M-Th 6:15-8:30 beginning June 10. \$24

MICHAEL LEVER

47. Everyday Spanish (0)

M 6-9 beginning June 10. \$16

RAFAEL SUPERVIA

Accuracy and facility in the use of oral Spanish will be attempted through the use of dictation, conversation, and other devices. The work will be adapted to those entering the course. The course is designed especially for those who wish to acquire fluency in the spoken language of today.

MATHEMATICS AND STATISTICS

123. Survey of Statistics (3)

M 6-9; alternate W 6-9 beginning June 10. \$24

SAMUEL WEISS

A one-semester non-mathematical course designed particularly to train statistical clerks in the fields of economics, sociology, and business. Algebra is reviewed as required. Operations with symbols. Summarizing data by tabulation and by statistical predictions. The Shewhart control charts. Randomness. Computations and interpretation of statistical functions. Correlation. Business indexes. Trend analysis and curve fitting. Graphic analysis. Instruction in calculations and table making. Short cuts by the use of charts, multiplication tables, logarithms, slide rule, and other devices.

127^a. Introduction to Statistical Analysis (2)

M 6-9 beginning June 10. \$16

WILLIAM R. PABST

The collection of economic and census data; the presentation of data in tables and graphs; different kinds of averages; measures and significances of dispersion; elementary principles of sampling; introduction to index numbers and time series; preparation of formulas for machine calculations. Use of slide rule and charts for performing calculations.

Prerequisite: Algebra.

127^b. Introduction to Statistical Analysis (2)

Tu 6-9 beginning June 11. \$16

BENJAMIN J. TEPPING

A continuation of Introduction to Statistical Analysis 127^a. Problems in the relations between two or more variables. Association, correlation, and regression, leading into multiple and partial correlation. Introduction to statistical inference. Adaptation of formulas to machine correlation.

505. Readings in Mathematical Economics (2)

Tu 6-9 beginning June 11. \$18

JEROME CORNFELD

Designed to familiarize the student with ways in which mathematics can be applied to economic problems. Analysis of recent literature. Special attention to problems that arise from an analysis of the process of economic change. Additional mathematics will be developed as required.

Prerequisite: Calculus and Introductory Economics.

102. Algebra (2)

Tu 6-9 beginning June 11. \$16

WILLARD R. SIMMONS

Fundamental rules of algebra; exponents; logarithms; manipulations with proportions; identities and conditions; solution of equations; binomial theorem; numerical approximations. Uses of symbolic operators. Determinants; solution of equations by the reciprocal matrix. Theory of equations; progression; series. Permutations and combinations. Graphical methods. Emphasis on applications to statistics and the physical sciences.

Prerequisites: High-school algebra, and plane and solid geometry.

103. Trigonometry and Analytic Geometry (2)

M 6-9 beginning June 10. \$16

C. H. GRAVES

Definitions in trigonometry; identities; complex numbers; DeMoivre's theorem; trigonometric equations. The study of analytic geometry will include the line, conic sections, and some other plane curves, polar coordinates; families of curves with one or more parameters. Parametric equations of curves. Radial axis. Graphic solution of equations. Some three-dimensional geometry.

Prerequisite: College algebra.

SHORTHAND

89. Review of Gregg Shorthand (0)

M-Tu 6-8:15 beginning June 10. \$24

NAOMI H. EVANS

A review of theory and brief forms. Reading from shorthand plates and students' own notes; dictation of standard material at various progressive rates of speed.

Prerequisite: Completion of the Gregg Manual or its equivalent by the functional system.

429. Beginning Gregg (Functional) (3)

M-Tu-Th 6:30-8:00 beginning June 10. \$24

ANNA C. BOLTON

The course will cover the complete system of Gregg shorthand by use of the functional method. It is designed for those who have not studied shorthand, or for those who have some knowledge of shorthand but have not completed a theory course. The aim of the course is to enable the student to read at a speed of 100 words a minute and to write 80 words a minute on familiar material.

430. Intermediate Gregg (Functional) (3)

M-Tu-Th 6-7:30 beginning June 10. \$24

LEWIS R. TOLL

This course is intended for those who have completed the principles of Gregg shorthand and wish to develop speed in taking dictation. It may well serve as a theory review course for those who have lost writing facility through limited use or long disuse. Dictation speeds of from 80 to 100 words a minute on new, standard material will be developed.

431. Gregg, 70 to 100 Words (2)

M-Th 6-7:30 beginning June 10. \$16

MARION LAMB

This course is designed for those who desire a review of theory in Gregg shorthand with dictation from 70 to 100 words a minute. Special attention will be given to the acquisition of a large vocabulary of Gregg outlines. Dictation will be graded from business letters, the Congressional Record, and legal and technical matter relevant to the work in Government offices.

PSYCHOLOGY

342. The Conditions of Personality Growth (2)

W 6-9 beginning June 12. \$16

HUBERT S. COFFEY

This course treats the principal factors influencing personality development: physiological bases, infantile and childhood experiences, and cultural determinants. It considers both experimental and clinical contributions to the theory of personality and the application of those to practical problems of interpreting and dealing with people.

554. Personality Disorders (2)

Tu 6-9 beginning June 11. \$18

CHARLES N. COFER

This course through lectures and case discussion will deal with personality variations as seen among normal people, stressing the significance of such variation in social and occupational adjustment, and with major types of abnormal personalities with emphasis on recognition of these deviations. Designed to help meet the needs of placement officers, counselors and others who through interviews or other media must recognize and deal with problems of emotional maladjustment.

Psychological Techniques of Interviewing and Counseling (See Administration and Administrative Procedure 648)

SOCIAL SCIENCES

331. Introductory Survey of Economics (2)

Tu 6-9 beginning June 11. \$16

FREDERICK L. THOMSEN

A refresher course for those for whom a lapse of time has intervened since taking a more complete course in principles and who wish to review the basic principles. Also for those interested in becoming acquainted with the nature and general content of economics as a science and a profession.

334. Introductory Survey of Sociology (2)

M 6-9 beginning June 10. \$16

ARTHUR RAPER

For those interested in becoming acquainted with the nature and general content of sociology as a science and a profession. Also a refresher course for those for whom a lapse of time has intervened since taking a more complete course in principles and who wish to review the basic principles.

546. Shaping and Implementation of United States Foreign Policy (2)

Tu 6-9 beginning June 11. \$18

NELSON TRUSLER JOHNSON

The United States and its position in the world. A study of the United States Government organization for conducting its business with other governments; sources of foreign policy; forces which have played a major role in shaping of foreign policy; implementation of foreign policy in peace and war. Need for reorganization of our inter-governmental machinery to meet present world conditions.

690. Air Traffic Management (2)

Tu 6-9 beginning June 11. \$18

MYLES ROBINSON

A course in the principles and practices of air transport carriers in the domestic and foreign service, designed for those interested in the development of air transportation and the traffic aspects of commercial air-line work.

The scope of the course includes the study of developments of air transportation, including airports and airways; airmail services and rates; air express and freight transportation and rates; air passenger transportation services and fares; the publication of air express and passenger tariffs and other aspects of traffic management as applied to air transportation. The course concludes with the consideration of local, state, Federal and international regulation and development of air transportation.

833. Main Trends in International Affairs (2)

W 6-9 beginning June 12. \$18

H. M. SPITZER

The last hundred and forty years have been marked by recurrent attempts to achieve a stable organization of the world, attempts of which UN is the latest.

It is proposed to discuss this last attempt in the light of the earlier ones. In doing so the divergent attitudes, interests and traditions of the main actors or groups of actors in this and in the previous attempts, i.e. the great and the small powers, will be dealt with, and due weight will be given to the non-political elements which affect the world situation and the status of powers, such as the development of modern technology, the influence of general ideas such as nationalism, and the basic needs of human nature.

Faculty

- ANNA C. BOLTON, M.A., New York University. Training Specialist, Office of Fiscal Director, War Department.
- CLARK A. BRIGGS, M.A., Missouri. Formerly engineer and physicist, USDA. Teaching general photography at Forest Glen and Walter Reed.
- MARCUS GORDON BROWN, Docteur ès Lettres, Université de Dijon. Taught at University of Florida and Georgia School of Technology. Specialist, Inter-American Educational Relations, U. S. Office of Education.
- MARIE D. BRYAN, M.A., Maryland. Instructor in College of Education and College of Arts and Sciences, University of Maryland.
- CHARLES F. CANNELL, M.A., Ohio State. Head, Field Section, Division of Program Surveys, Bureau of Agricultural Economics, USDA. Taught in Ohio State University.
- CHARLES N. COFER, Ph.D., Brown. Senior Clinical Psychologist, U. S. Naval Hospital, Bethesda. Taught in George Washington University.
- HUBERT S. COFFEY, Ph.D., Iowa. Chief, Training Section, Federal Security Agency. Taught in Central Washington College.
- JEROME CORNFIELD, B.S., New York University. Statistician, Bureau of Labor Statistics, Department of Labor.
- VIRGIL L. COUCH, B.S., Kentucky. Chief Personnel Officer, Farm Security Administration, USDA.
- CAREY G. CRUIKSHANK, A.B., King. Budget and Finance Officer, Office of Scientific Research and Development, OEM.
- WILLIAM L. DYE, C.P.A., Acting Chief, Corporate Fiscal Service Division, Office of Budget and Finance, USDA.
- WALTER B. EMERY, Ph.D., Wisconsin. Attorney, Federal Communications Commission. Taught in University of Oklahoma, University of Wisconsin, and Ohio State University.
- NAOMI H. EVANS, B.S., Grove City College; graduate study, University of Pittsburgh. Associate Training Specialist, Army Air Forces, War Department.
- JOSEPH EWAN, B.A., California. Assistant Curator, Division of Plants, U. S. National Museum. Taught in the University of Colorado.
- HARRIET GARRELS, M.A., George Washington. Art Supervisor, Public Schools, District of Columbia. Taught in Abbott Art School and Wilson Teachers College.
- C. H. GRAVES, Ph.D., Chicago. Head, Operational Analysis Section, Office of Price Board Management, OPA.
- KEITH L. HANNA, LL.B., Indiana. Assistant Budget Officer, Farm Security Administration, USDA.
- THOMAS J. HICKEY, LL.M., Columbus University. Budget and Organization Branch, Production and Marketing Administration.
- NELSON TRUSLER JOHNSON, Secretary General to the Far Eastern Commission, former Ambassador to China and Minister to Australia.
- MARION M. LAMB, Ed.D., New York University. Taught in State Teachers College, West Liberty, West Virginia.
- WILLIAM C. LAXTON, A.B., George Washington. Chief, Division of Classification, Office of Personnel, USDA.
- PIETRO LAZZARI, Master Artist, illustrator and mural painter, Ornamental School of Rome. Belle Arti. Portrait artist, landscape painter, and graphic designer.

- MICHAEL LEVER, Doctor en Filosofía y Letras, University of Madrid. Taught in Ciudad Universitaria, Madrid.
- OLGA LONGI, Ph.D., Johns Hopkins. Formerly head of French Department, Dumbarton College. Taught in Dumbarton, University of Rochester, Adelphi, and Wellesley.
- ROWLAND LYON, M.A., George Washington. Division of Map Intelligence and Cartography, Department of State. Taught in George Washington.
- FRANCES HOWE MILLER, M.A., Missouri. Instructor of English, University of Maryland.
- VERNA C. MOHAGEN, M.A., George Washington. Assistant Chief, Personnel Management Division, Soil Conservation Service, USDA.
- WILLIAM R. PABST, Ph.D., Columbia. Statistician, U. S. Navy. Taught in Cornell, Amherst, and Tulane.
- HESTER B. PROVENSEN, LL.B., George Washington. Assistant Professor of Speech, University of Maryland.
- HELEN SLOMAN PRYOR, Employee Counselor, Office of the Administrator, Federal Security Agency. Authoress; joint author, with William C. Pryor, of numerous articles and books.
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INDEX

| | <i>Page</i> |
|------------------------------------|-------------|
| Accounting | 5, 6 |
| Administration | 5 |
| Administrative Procedure | 5 |
| Arts | 6 |
| Biological Sciences | 7 |
| Economics | 10, 12 |
| English | 7, 8 |
| Faculty | 13 |
| French | 9 |
| German | 9 |
| History | 12 |
| Home Decoration | 7 |
| International Administration | 12 |
| Mathematics | 10 |
| Personnel Administration | 5 |
| Photography | 7 |
| Psychology | 11 |
| Registration Information | 3, 4 |
| Russian | 9 |
| Shorthand | 11 |
| Social Sciences | 12 |
| Spanish | 9 |
| Speech | 8 |
| Statistics | 10 |